

Electronic Acknowledgement Receipt

EFS ID:	8720836
Application Number:	10597482
International Application Number:	
Confirmation Number:	1762
Title of Invention:	Impulse Noise Management
First Named Inventor/Applicant Name:	Marcos C. Tzannes
Customer Number:	62574
Filer:	Jason Vick/Nancy Davis
Filer Authorized By:	Jason Vick
Attorney Docket Number:	5550-52-PUS
Receipt Date:	28-OCT-2010
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Application Type:	U.S. National Stage under 35 USC 371

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Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1		IDS_04.pdf	358342 ab9a546f13cd35776a7ce689c4e7d3d7696103a	yes	4

Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Transmittal Letter			1	3	
Information Disclosure Statement (IDS) Filed (SB/08)			4	4	

Warnings:
Information:

2	NPL Documents	Moulin_Discrete-multitone-based_ADSL_and_VDSL_systems.pdf	720326 64af264ba81bf96df6077ff4d76a40fcf7310 272	no	6
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Warnings:
Information:

3	NPL Documents	Toumpakaris_A_Simple_Byt-Erasure_Method.pdf	696010 c456b979c4291b922f95fd066bab03bc3bc 5b531	no	5
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Warnings:
Information:

4	NPL Documents	5550-52-PEP_OA_08-19-2010.pdf	415479 bbce01008e1710542d784245492e29fffc2 01006	no	10
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Warnings:
Information:

5	NPL Documents	5550-52-PEP-DIV_ESR_8-13-2010.pdf	402621 b94f7d6a4e0a25c07937e64492262fcc770c 047f	no	10
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Warnings:
Information:

6		IDS_05.pdf	334555 bede467821083ad7f639bf4456be329f61b 3044c	yes	4
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Multipart Description/PDF files in .zip description					
Document Description			Start	End	
Transmittal Letter			1	3	
Information Disclosure Statement (IDS) Filed (SB/08)			4	4	

Warnings:
Information:

7	NPL Documents	5550-52-PUS-CON_OA_9-22-2010.pdf	233158 65e9999880d3110828c5cd245c6aeeefdee7 3e6f7	no	7
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Warnings:

Information:	Total Files Size (in bytes):	3160491
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<p><u>New Applications Under 35 U.S.C. 111</u></p>		
<p>If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p>		
<p><u>National Stage of an International Application under 35 U.S.C. 371</u></p>		
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<p><u>New International Application Filed with the USPTO as a Receiving Office</u></p>		
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